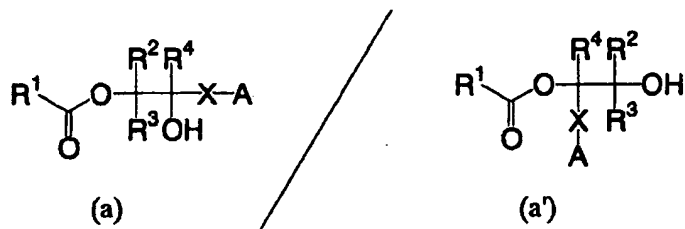
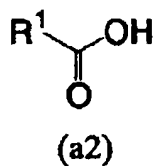


CLAIMS

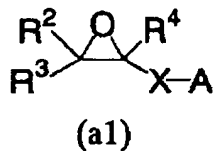
- [1] A process for producing of a silicone compound which includes a synthesis reaction of a silicone compound represented by the following formulas (a) and/or (a'),
[Formula 3]



by reacting a carboxylic acid represented by the following formula (a2)
[Formula 2]



to an epoxy silane represented by the following formula (a1)
[Formula 1]



in presence of a metal salt of the carboxylic acid represented by the general formula (a2), characterized in that the reaction is carried out in presence of 0.05 wt% or more water in said reaction system.

(Here, A denotes siloxanyl group. R¹ denotes a substituent with 1 to 20 carbons having a polymerizable group. R² to R⁴

[2] A process for producing of a silicone compound characterized in that the silicone compound obtained according to Claim 1 is purified by a silica gel column or an alumina column.

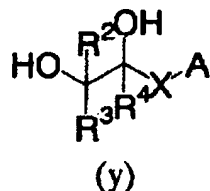
[3] A silicone compound obtained by the process according to Claim 1 or 2, wherein the siloxanyl group A is an atomic group represented by the following formula (b).

$$\begin{array}{c}
 \text{A}^1 \\
 | \\
 \left(\text{Si} - \text{O} \right)_n \\
 | \\
 \text{A}^2
 \end{array}
 \text{---}
 \begin{array}{c}
 \text{A}^3 \\
 | \\
 \left(\text{O} - \text{Si} - \text{A}^9 \right)_a \\
 | \\
 \text{A}^4
 \end{array}
 \text{---}
 \begin{array}{c}
 \text{A}^5 \\
 | \\
 \left(\text{O} - \text{Si} - \text{A}^{10} \right)_b \\
 | \\
 \text{A}^6
 \end{array}
 \begin{array}{c}
 \text{A}^7 \\
 | \\
 \left(\text{O} - \text{Si} - \text{A}^{11} \right)_c \\
 | \\
 \text{A}^8
 \end{array}
 \quad (b)$$

[4] A silicone compound according to Claim 3, wherein the siloxanyl group A is selected from the group consisting of tris(trimethylsiloxy)silyl group, bis(trimethylsiloxy)methylsilyl group and trimethylsiloxydimethylsilyl group.

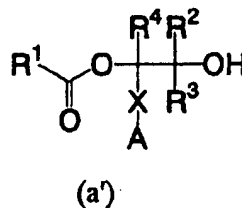
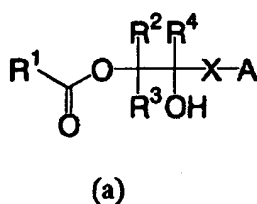
- [5] A silicone compound in which a content of a compound represented by the following general formula (y) is 0.4% or more and 3% or less,

[Formula 5]



and the purity of the silicone compound represented by the following general formulas (a) and/or (a') is 87% or more.

[Formula 6]



(Here, A denotes a siloxanyl group. R¹ denotes a substituent with 1 to 20 carbons having polymerizable group. R² to R⁴ respectively and independently denote hydrogen, a substituted or unsubstituted substituent with 1 to 20 carbons, or -X-A. X denotes a substituted or unsubstituted divalent substituent with 1 to 20 carbons.)